

REMARKS

Claims 1-5 are pending in the application, Claims 1-3 have been cancelled. New claims 6 and 7 have been added. Claims 4 and 5 have been amended. Claims 4-7 remain in the application.

Claims 1-5 stand rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-18 of commonly assigned U.S. Patent No. 6,330,008. Applicant is prepared to file a terminal disclaimer once allowable subject matter is indicated.

Claims 1-5 stand rejected under 35 U.S.C. §102(b) as being anticipated by Beckerle et al. (U.S. Patent No. 6,311,265). The rejection of claims 1-3 has become moot by canceling these claims.

The rejection of claims 4 and 5 under 35 U.S.C. §102(b) as being anticipated by Beckerle et. al. (U.S. Patent No. 6,311,265) is hereby traversed and reconsideration thereof is respectfully requested in view of amendments to the claims and the remarks set forth below.

The '265 patent discloses (FIGS. 40A to 40K and the sections in the specification describing these figures) user-defined graphs that are allowed or not allowed by the system, as well as a process for building a neural network model (FIGS. 73-76 and the sections in the specification describing these figures). However, nowhere does the '265 patent disclose, teach or suggest "displaying in real time graphical representations of the processes and the flow of the data through the processes as the data is processed by the processes," as recited in claims 4 and 5.

Withdrawal of the §102(e) rejection of claims 4 and 5 over Beckerle et al. (U.S. Patent No. 6,311,265) is therefore respectfully requested.

Newly added claims 6 and 7 recite a real-time computer performance monitoring system for a parallel processing engine which includes, *inter alia*, a computer connected to the network and executing a performance monitoring program that receives real-time performance information about a computational state of one or more data flow graphs and of components of

the one or more data flow graphs, and a display device for providing a real-time graphic visualization of the one or more data flow graphs as a graphic network including the modular programming objects. Support for these claims can be found, for example, page 15, line 8 from below, to page 16, line 7 from below). As mentioned above, real-time visualization is neither disclosed nor taught or suggested in the '265 patent.


Applicant therefore submits that the new claims 6 and 7 are patentable over the art of record.

In view of the above amendment, Applicant believes the pending application is in condition for allowance.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 18-1945, under Order No. ASNL-P02-005 from which the undersigned is authorized to draw.

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Respectfully submitted,

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